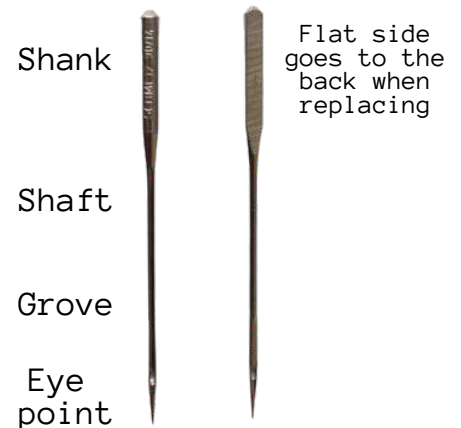


Sewing Machine Needle Guide

www.nanasewing.com

Needle size chart

European	American	Package says
60	8	60/8
65	9	65/9
70	10	70/10
75	11	75/11
80	12	80/12
90	14	90/14
100	16	100/16
110	18	110/18



Needles to use with fabrics

Lightweight fabric	Gauze, chiffon, tulle, organza, silk, net, lace	65/9-75/11
Medium-weight	Quilting, cotton, knit, elastic, thin denim, velvet, linen, jersey, satin	75/11-90/14
Heavy-weight	Upholstery, heavy denim, vinyl, corduroy, tweed, canvas, wool, leather	100/16
Very heavy-weight	Extra heavy denim, upholstery and leather	110/18

Replace your needle when:

- Switching fabrics
- Threads keep breaking
- Popping sounds when a needle is puncturing fabric
- Skipped or uneven stitches
- large punctures in fabric