

Needle Sizes Chart - Examples

European	American	How It's Written
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

Bigger Number = Bigger Needle

Change Needles When:

- Switching fabric types
- Threads breaking
- Popping sound when puncturing fabric
- Skipped or uneven stitches
- Large punctures in the fabric

Fabric and Needle Examples

Lightweight	Gauze, crepe, chiffon, tulle, organza, silk, voile, tricot, net, lace	65/9 – 75/11
Medium-weight	Taffeta, quilting cotton, jersey, satin, poplin, seersucker, broadcloth, rayon, linen, knit, elastic, thin denim, velvet, gingham	75/11-90/14
Heavy-weight	Upholstery, heavier denim, vinyl, corduroy, gabardine, tweed, canvas, velour, wool, leather, oilcloth	100/16
Very heavy-weight	Extra heavy denim, leather, or upholstery	110/18



SHANK

SHAFT

GROOVE

EYE POINT

Types of Needles and Indication for Use

Universal Needles	Knits and Woven
Ballpoint/Jersey	Knits
Sharp/Microtex	Woven
Denim/Jeans	Heavyweight fabric like denim, canvas
Leather	Leather
Topstitch	Multiple layers
Stretch	Elastic and stretch materials
Quilting	Quilting and piecing
Metallic	Metallic threads
Embroidery	Rayon, polyester embroidery threads
Twin needle	Parallel lines of stitches
Hemstitch/wing	Decorative groove to be cut in fabric

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